

filed 11/5/03

(2-92)

Sheet 1 of 5

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Docket Number (Optional) 2874.20US (96-0032.17/US)		Application Number To b assigned	
				Applicants Akram et al.			
				Filing Date November 5, 2003		Group Art Unit To be assigned	

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
	2,762,954	09/1956	Leifer			
	2,865,082	12/1958	Gates			
	3,664,389	05/1972	Bower			
	3,688,815	09/1972	Ridenour			
	3,691,707	09/1972	Von Arx et al.			
	3,795,164	03/1974	Schneider			
	3,892,156	07/1975	Johnstone			
	3,961,547	06/1976	Shainberg et al.			
	4,006,656	02/1977	Shinomiya			
	4,102,227	07/1978	Simko			
4,138,304	02/1979	Gantley				

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	Translation	
						YES	NO
	287,869	10/1915	Germany				
	DE 2810054-A	09/1978	Germany				

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <div style="text-align: center; font-size: 2em;"> </div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.5em;"> </div>
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
	4,150,912	04/1979	Gutsche et al.			
	4,246,595	01/1981	Noyori et al.			
	4,259,886	04/1981	Seid et al.			
	4,287,256	09/1981	Demers			
	4,287,798	09/1981	Cooper, Jr. et al.			
	4,343,662	08/1982	Gay			
	4,356,374	10/1982	Noyori et al.			
	4,358,978	11/1982	Lawson			
	4,451,972	06/1984	Batinovich			
	4,513,544	04/1985	Lossi et al.			
	4,633,847	01/1987	Lossi et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	Translation	
						YES	NO

OTHER DOCUMENTS		(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER 	DATE CONSIDERED
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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE	
AK	4,688,540	08/1987	Ono				
	4,705,016	11/1987	Sekiya				
	4,804,641	02/1989	Arit et al.				
	4,903,437	02/1990	Kubotera et al.				
	4,937,653	06/1990	Blonder et al.				
	4,971,021	11/1990	Kubotera et al.				
	4,984,358	01/1991	Nelson				
	5,046,392	09/1991	Keon et al.				
	5,059,899	10/1991	Farnworth et al.				
	5,128,282	07/1992	Ormond et al.				
	5,259,149	11/1993	Klievoneit et al.				
	5,316,559	05/1994	Klievoneit et al.				
✓	5,319,521	06/1994	Adkins				

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	Translation	
						YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <div style="text-align: center; font-size: 2em;">R</div>	DATE CONSIDERED <div style="text-align: center; font-size: 1.5em;">9/28/04</div>
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
	5,323,150	06/1994	Tuttle			
	5,326,428	07/1994	Farnworth et al.			
	5,362,681	11/1994	Roberts, Jr. et al.			
	5,373,834	12/1994	Chiuminatta et al.			
	5,458,034	10/1995	Cavagna			
	5,459,340	10/1995	Anderson et al.			
	5,461,008	10/1995	Sutherland et al.			
	5,468,541	11/1995	Hsu			
	5,521,125	05/1996	Ormond et al.			
	5,570,505	11/1996	Downie et al.			
	5,579,671	12/1996	Bowlin			
	5,580,831	12/1996	Roman			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	Translation	
						YES	NO

OTHER DOCUMENTS			(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER 	DATE CONSIDERED 9/28/04
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE
	5,787,174	07/1998	Tuttle			
	5,851,845	12/1998	Wood et al.			
	5,907,984	06/1999	Herman, Jr. et al.			
	6,087,202	07/2000	Exposito et al.			
	6,104,291	08/2000	Beauvillier et al.			
	6,117,707	09/2000	Badehi			
	6,119,675	09/2000	Akram et al.			
	6,130,478	10/2000	Mostafazadeh et al.			
	6,155,247	12/2000	Akram et al.			
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	6,196,096	03/2001	Akram et al.			
	6,250,192	06/2001	Akram et al.			
	6,265,963 B1	07/2001	Wood, Jr.			
	6,268,796 B1	07/2001	Gnadinger et al.			
	2001/0023973	09/2001	Akram et al.			
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	6,459,105	10/2002	Akram et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	Translation	
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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/701,957
Filing Date	November 5, 2003
First Named Inventor	Akram et al.
Group Art Unit	3724
Examiner Name	Unknown
Attorney Docket Number	2269-2874.20US (96-0032.17/US)

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
[Handwritten mark]		US-3,577,038	May 4, 1971	Cook Jr.	
		US- 4,343,084	08/1982	Wilmarth	
		US- 5,016,080	May 14, 1991	Giannella	
		US- 5,084,781	November 12, 1991	Cambou et al.	
		US- 5,256,578	October 28, 1993	Corley et al.	
		US- 5,483,503	January 9, 1996	Kimball	
		US- 5,604,673	February 18, 1997	Washburn et al.	
		US- 5,677,568	October 14, 1997	Ochi et al.	
		US- 5,729,438	March 17, 1998	Pieper et al.	
		US- 5,907,477	May 25, 1999	Tuttle et al.	
		US- 6,130,473	October 10, 2000	Mostafazadeh et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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